

ABSTRACT OF THE DISCLOSURE

In a color conversion method of inputting at least two color difference values and obtaining a corresponding saturation value, a main lookup table which stores the saturation value for the color difference values, and a sub-lookup table for obtaining an address for accessing the main lookup table are created. The address of the main lookup table is determined on the basis of the sub-lookup table and the difference between the two color difference values, in correspondence with two arbitrary color difference values. A saturation value corresponding to the two color difference values is obtained from the determined address of the main lookup table.